MISSION:
To make Tempe the best place to live, work and play.
VALUES:
People... Integrity... Respect... Openness... Creativity... Quality...

DATABASE ANALYST

Purpose:

To actively support and uphold the City's stated mission and values. Participate in the physical design and creation of the physical data structures and is responsible for their integrity and efficiency. Coordinates data base design and development activities among application programmers, business analysts, systems programmers, and data center operations. Is conversant with data structures, communications systems characteristics and protocols, and has a working knowledge of related tools and techniques. Should be able to evaluate technical trade-off's for a particular environment and present such to management. Provides technical database training and support to Information Technology Division (ITD) staff.

Supervision Received and Exercised:

Receives direction from the Database Administrator and other management staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

Data Base Design/Redesign

- Evaluates application technical needs; selects appropriate Data Base Management system (DBMS) software.

- Designs and develops storage structures, mapping and search strategies, and access methods.

- Designs and develops support software for creating, maintaining, and reorganizing the database.

- Carries out redesign and restructuring activities as needed.

- Proposes technical standards, design rules, and conventions for databases.

- Identifies and implements software tools to aid in data access.

Data Base Creation

- Specifies, designs, and develops data extract and load software.

- Performs database loading, testing, and validation.

- Implements data definitions.

- Implements and maintains data dictionary/directory and other database support software.

Data Base Security/Integrity

- Installs and maintains tools needed to guard against unauthorized access to the data base and unauthorized update, copying, removal, or destruction on any part of the data base.

- Installs and maintains tools needed to ensure the correctness and accuracy of the data.

Data Base Performance Monitoring and Evaluation

- Reviews, tests and evaluates the performance of activity against physical data structures.

- Initiates system improvements when indicated.

- Assesses the impact of change.

- Maintains awareness of the state of the art.

- Recommends data base redefinition, redesign, and restructuring when indicated.

- Implements restarts, recovery, and backup procedures.

Selection and Procurement

- Evaluates recommends, installs, and supports appropriate hardware and software related to data base administration and distributed data base/data processing.

Experience and Training Guidelines:

CITY OF TEMPE
Database Analyst (continued)

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Three years of professional level information technology experience, including one year as a systems programmer or programmer analyst.

Training:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in Information Technology or related field.

Licenses/Certifications:

Possession of, or the ability to obtain, an appropriate, valid Arizona driver's license.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 104.

Job Code: 2114

Salary Range: 42

Compensation Plan: P40 / Regular

FLSA: Exempt